

## CLAIMS

- 1     Antenna serigraphed on the opening rear window and the quarter panel window of a  
motor vehicle of the station wagon type, having at least the functions of FM2 radio and  
5     remote keyless entry reception, each of these antenna functions comprising an aerial and  
an electronic circuit which is as close as possible thereto, the aerial of the FM2 antenna  
on the rear window (2) incorporating the defrosting network (4), and the aerial of the  
remote keyless entry antenna being supported by the quarter panel window (3),  
characterised in that the aerial of the FM2 antenna comprises two vertical lines (5) which  
10    are symmetrical with respect to a middle longitudinal vertical plane and are  
superimposed with the defrosting network (4).
- 2     Antenna serigraphed on the opening rear window and the quarter panel window of a  
motor vehicle of the station wagon type as claimed in claim 1, characterised in that the  
15    serigraphy of the defrosting network (4) has a U shape.
- 3     Antenna serigraphed on the opening rear window and the quarter panel window of a  
motor vehicle of the station wagon type as claimed in claim 1 or 2, characterised in that  
the aerial of the FM2 antenna has a serigraphed earth line (8) of a length of the order of  
20    530 mm as an earth for the FM signal.
- 4     Antenna serigraphed on the opening rear window and the quarter panel window of a  
motor vehicle of the station wagon type as claimed in claim 3, characterised in that it  
comprises a two-wire cable (11, 12) to pick up the FM signal at the aerial of the antenna  
25    and to transmit it to an electronic housing (9), the said two-wire cable (11, 12)  
comprising an earth wire (12) connected to the serigraphed earth (8) and an FM signal  
wire (11) connected to the said symmetrical lines (5) of the serigraphed aerial.
- 5     Antenna serigraphed on the opening rear window and the quarter panel window of a  
30    motor vehicle of the station wagon type as claimed in claim 4, characterised in that the  
point of connection of the earth wire (12) to the serigraphed earth (14) and the point of

connection (10) of the FM signal wire (11) to the serigraphed aerial are placed in the immediate proximity of each other.

6 Antenna serigraphed on the opening rear window and the quarter panel window of a  
5 motor vehicle of the station wagon type as claimed in any one of the preceding claims, characterised in that the aerial of the remote keyless entry antenna is in the shape of an F serigraphed on the quarter panel window (3).

7 Antenna serigraphed on the opening rear window and the quarter panel window of a  
10 motor vehicle of the station wagon type as claimed in claim 6, characterised in that the said serigraphed part (15) in the form of an F resonates at 434 MHz with an impedance of 50 ohms at its power supply point.

8 Antenna serigraphed on the opening rear window and the quarter panel window of a  
15 motor vehicle of the station wagon type as claimed in claim 7, characterised in that the aerial of the remote keyless entry antenna has a serigraphed earth line (16) of a length of the order of 150 mm as an earth for the 434 MHz signal.

9 Antenna serigraphed on the opening rear window and the quarter panel window of a  
20 motor vehicle of the station wagon type as claimed in claim 8, characterised in that it comprises a two-wire cable (18, 19) to pick up the remote keyless entry signal at the aerial of the antenna and to transmit it to the electronic housing (9), the said two-wire cable (18, 19) comprising an earth wire (19) connected to the serigraphed earth (16) and a remote keyless entry signal wire (18) connected to the serigraphed aerial (15) at the  
25 said power supply point thereof (17).

10 Antenna serigraphed on the opening rear window and the quarter panel window of a  
motor vehicle of the station wagon type as claimed in claim 9, characterised in that the point of connection (20) of the earth wire (19) to the serigraphed earth (16) and the  
30 power supply point (17) where the remote keyless entry signal wire (18) is connected to the serigraphed aerial (15) are placed in the immediate proximity of each other.